

Appln. No. 09/587,228
Amendment dated January 2, 2004
Docket No. 6169-130

IBM Docket No. BOC9-1999-0072

This listing of claims will replace all prior versions and listings of claims in the instant application:

LISTING OF CLAIMS

1. (Original) A method for preventing access to a document in a server in a computer communications network, said method comprising the steps of:

establishing a list of allowable source documents from which a request to access said document can originate;

receiving a request for said document from a requesting client;

detecting in said request an identity of a source document of said request;

comparing said detected identity with said list of allowable source documents from which a request to access said document can originate; and,

servicing said request if said detected identity matches an allowable source document contained in said list of allowable source documents.

2. (Original) The method as recited in claim 1, further comprising the step of:

denying said request if said detected identity does not match an allowable source document contained in said list of allowable source documents.

3. (Original) The method as recited in claim 1, wherein said request is a hypertext transfer protocol request.

4. (Original) The method as recited in claim 3, wherein said step of receiving comprises the step of:

receiving said hypertext transfer protocol request from an activated hyperlink in a hypertext source document, said hypertext source document being hypertext linked to said requested document.

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5. (Original) The method as recited in claim 1, wherein said step of detecting comprises the steps of:

extracting a request header from said request; and,
detecting in said request header said identity.

6. (Original) The method as recited in claim 1, wherein said identity is expressed in a uniform resource locator.

7. (Original) The method as recited in claim 1, wherein said requested document is a Web page.

8. (Original) The method as recited in claim 1, further comprising the step of:
servicing said request if an identity is not detected in said request.

9. (Original) The method as recited in claim 1, further comprising the step of:
denying said request if an identity is not detected in said request.

10. (Original) The method as recited in claim 1, wherein said step of servicing said request comprises the step of:
serving said requested document to said requesting client.

11. (Original) The method as recited in claim 2, wherein said step of denying said request comprises the step of:
not serving said requested document to said requesting client.

12. (Original) The method as recited in claim 2, wherein said step of denying said request comprises the step of:
serving a second document to said requesting client in substitute for said requested document.

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13. (Original) A method for preventing access to a document in a server in a computer communications network, said method comprising the steps of:

establishing a list of prohibited source documents from which a request to access said document cannot originate;

receiving a request for said document from a requesting client;

detecting in said request an identity of a source document of said request;

comparing said detected identity with said list of prohibited source documents from which a request to access said document cannot originate; and,

denying said request if said detected identity does matches a prohibited source document contained in said list of prohibited source documents.

14. (Original) The method as recited in claim 13, further comprising the step of:

servicing said request if said detected identity does not match a prohibited source document contained in said list of prohibited source documents.

15. (Original) The method as recited in claim 13, wherein said request is a hypertext transfer protocol request.

16. (Original) The method as recited in claim 15, wherein said step of receiving comprises the step of:

receiving said hypertext transfer protocol request from an activated hyperlink in a hypertext source document, said hypertext source document being hypertext linked to said requested document.

17. (Original) The method as recited in claim 13, wherein said step of detecting comprises the steps of:

extracting a request header from said request; and,

detecting in said request header said identity.

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18. (Original) The method as recited in claim 13, wherein said requested document is a Web page.

19. (Original) The method as recited in claim 13, wherein said identity is expressed in a uniform resource locator.

20. (Original) The method as recited in claim 13, further comprising the step of: servicing said request if an identity is not detected in said request.

21. (Original) The method as recited in claim 13, further comprising the step of: denying said request if an identity is detected in said request.

22. (Original) The method as recited in claim 14, wherein said step of servicing said request comprises the step of:

serving said requested document to said requesting client.

23. (Original) The method as recited in claim 13, wherein said step of denying said request comprises the step of:

not serving said requested document to said requesting client.

24. (Original) The method as recited in claim 13, wherein said step of denying said request comprises the step of:

serving a second document to said requesting client in substitute for said requested document.

25. (Original) A machine readable storage, having stored thereon a computer program for preventing access to a document in a server in a computer communications network, said computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

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establishing a list of allowable source documents from which a request to access said document can originate;

receiving a request for said document from a requesting client;

detecting in said request an identity of a source document of said request;

comparing said detected identity with said list of allowable source documents from which a request to access said document can originate; and,

servicing said request if said detected identity matches an allowable source document contained in said list of allowable source documents.

26. (Original) The machine readable storage as recited in claim 25, for further causing the machine to perform the step of:

denying said request if said detected identity does not match an allowable source document contained in said list of allowable source documents.

27. (Original) The machine readable storage as recited in claim 25, wherein said request is a hypertext transfer protocol request.

28. (Original) The machine readable storage as recited in claim 27, wherein said step of receiving comprises the step of:

receiving said hypertext transfer protocol request from an activated hyperlink in a hypertext source document, said hypertext source document being hypertext linked to said requested document.

29. (Original) The machine readable storage as recited in claim 25, wherein said step of detecting comprises the steps of:

extracting a request header from said request; and,

detecting in said request header said identity.

30. (Original) The machine readable storage as recited in claim 25, wherein said identity is expressed in a uniform resource locator.

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31. (Original) The machine readable storage as recited in claim 25, wherein said requested document is a Web page.

32. (Original) The machine readable storage as recited in claim 25, for further causing the machine to perform the steps of:

servicing said request if an identity is not detected in said request.

AI 33. (Original) The machine readable storage as recited in claim 25, for further causing the machine to perform the steps of:

denying said request if an identity is not detected in said request.

34. (Original) The machine readable storage as recited in claim 25, wherein said step of servicing said request comprises the step of:

serving said requested document to said requesting client.

35. (Original) The machine readable storage as recited in claim 26, wherein said step of denying said request comprises the step of:

not serving said requested document to said requesting client.

36. (Original) The machine readable storage as recited in claim 26, wherein said step of denying said request comprises the step of:

serving a second document to said requesting client in substitute for said requested document.

37. (Original) A machine readable storage, having stored thereon a computer program for preventing access to a document in a server in a computer communications network, said computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

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establishing a list of prohibited source documents from which a request to access said document cannot originate;

receiving a request for said document from a requesting client;

detecting in said request an identity of a source document of said request;

comparing said detected identity with said list of prohibited source documents from which a request to access said document cannot originate; and,

denying said request if said detected identity does matches a prohibited source document contained in said list of prohibited source documents.

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38. (Original) The machine readable storage as recited in claim 37, further comprising the step of:

servicing said request if said detected identity does not match a prohibited source document contained in said list of prohibited source documents.

39. (Original) The machine readable storage as recited in claim 37, wherein said request is a hypertext transfer protocol request.

40. (Original) The machine readable storage as recited in claim 39, wherein said step of receiving comprises the step of:

receiving said hypertext transfer protocol request from an activated hyperlink in a hypertext source document, said hypertext source document being hypertext linked to said requested document.

41. (Original) The machine readable storage as recited in claim 37, wherein said step of detecting comprises the steps of:

extracting a request header from said request; and,

detecting in said request header said identity.

42. (Original) The machine readable storage as recited in claim 37, wherein said requested document is a Web page.

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43. (Original) The machine readable storage as recited in claim 37, wherein said identity is expressed in a uniform resource locator.

44. (Original) The machine readable storage as recited in claim 37, further comprising the step of:

servicing said request if an identity is not detected in said request.

45. (Original) The machine readable storage as recited in claim 37, further comprising the step of:

denying said request if an identity is detected in said request.

46. (Original) The machine readable storage as recited in claim 38, wherein said step of servicing said request comprises the step of:

serving said requested document to said requesting client.

47. (Original) The machine readable storage as recited in claim 37, wherein said step of denying said request comprises the step of:

not serving said requested document to said requesting client.

48. (Original) The machine readable storage as recited in claim 37, wherein said step of denying said request comprises the step of:

serving a second document to said requesting client in substitute for said requested document.